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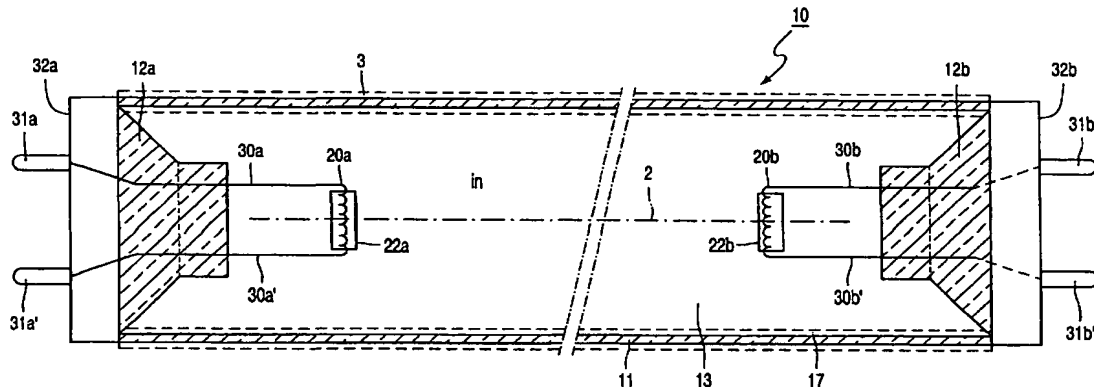
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(54) Title: LOW-PRESSURE MERCURY VAPOR DISCHARGE LAMP



(57) Abstract: The low-pressure mercury vapor discharge lamp has a light-transmitting discharge vessel (10), enclosing a discharge space (13) provided with mercury and a rare gas and comprising means for maintaining a discharge in the discharge space. At least a part of the discharge vessel is provided with a luminescent layer (17) of a luminescent material. At least an outer portion of the discharge vessel is provided with a coating (3). According to the invention, the coating comprises a pigment which absorbs part of the visible light and/or the coating comprises reflecting particles. The coating comprises a network obtainable through conversion of an organically modified silane by means of a sol-gel process. The organically modified silane is selected from the group formed by compounds of the structural formula  $\text{RISi(ORII)}_3$ , wherein RI is an alkyl group or an aryl group and RII is an alkyl group.

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